

Kepler - Bug #5098

Save Archive (KAR)... will have exception when internet is not accessible.

07/19/2010 03:30 PM - jianwu jianwu

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|------------------------|--------------|------------------------|------------|
| Status: | Resolved | Start date: | 07/19/2010 |
| Priority: | Normal | Due date: | |
| Assignee: | Chad Berkley | % Done: | 0% |
| Category: | core | Estimated time: | 0.00 hour |
| Target version: | 2.2.0 | Spent time: | 0.00 hour |
| Bugzilla-Id: | 5098 | | |

Description

Found by Chris Weed, I can reproduce it.

It happens when I right-click the actor, choose 'Save Archive (KAR)...' and try to save its kar file, no matter whether I choose 'Add Semantic Types' or not.

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[null] done writing KAR file to C:\Users\jianwu\KeplerData\workflows\MyWorkflows\ttt.kar
[null] java.net.UnknownHostException: tolemy.eecs.berkeley.edu
[null]   at java.net.PlainSocketImpl.connect(PlainSocketImpl.java:177)
[null]   at java.net.SocksSocketImpl.connect(SocksSocketImpl.java:366)
[null]   at java.net.Socket.connect(Socket.java:529)
[null]   at java.net.Socket.connect(Socket.java:478)
[null]   at sun.net.NetworkClient.doConnect(NetworkClient.java:163)
[null]   at sun.net.www.http.HttpClient.openServer(HttpClient.java:394)
[null]   at sun.net.www.http.HttpClient.openServer(HttpClient.java:529)
[null]   at sun.net.www.http.HttpClient.&lt;init&gt;(HttpClient.java:233)
[null]   at sun.net.www.http.HttpClient.New(HttpClient.java:306)
[null]   at sun.net.www.http.HttpClient.New(HttpClient.java:323)
[null]   at sun.net.www.protocol.http.HttpURLConnection.getNewHttpClient(HttpURLConnection.
java:860)
[null]   at sun.net.www.protocol.http.HttpURLConnection.plainConnect(HttpURLConnection.java
:801)
[null]   at sun.net.www.protocol.http.HttpURLConnection.connect(HttpURLConnection.java:726)
[null]   at sun.net.www.protocol.http.HttpURLConnection.getInputStream(HttpURLConnection.ja
va:1049)
[null]   at org.apache.xerces.impl.XMLEntityManager.setupCurrentEntity(Unknown Source)
[null]   at org.apache.xerces.impl.XMLEntityManager.startEntity(Unknown Source)
[null]   at org.apache.xerces.impl.XMLEntityManager.startDTDEntity(Unknown Source)
[null]   at org.apache.xerces.impl.XMLDTDScannerImpl.setInputSource(Unknown Source)
[null]   at org.apache.xerces.impl.XMLDocumentScannerImpl$DTDDispatcher.dispatch(Unknown So
urce)
[null]   at org.apache.xerces.impl.XMLDocumentFragmentScannerImpl.scanDocument(Unknown Sour
ce)
[null]   at org.apache.xerces.parsers.XML11Configuration.parse(Unknown Source)
[null]   at org.apache.xerces.parsers.XML11Configuration.parse(Unknown Source)
[null]   at org.apache.xerces.parsers.XMLParser.parse(Unknown Source)
[null]   at org.apache.xerces.parsers.DOMParser.parse(Unknown Source)
[null]   at org.apache.xerces.jaxp.DocumentBuilderImpl.parse(Unknown Source)
[null]   at org.kepler.moml.KeplerMetadataExtractor.extractActorMetadata(KeplerMetadataExtr
actor.java:101)
[null]   at org.kepler.objectmanager.cache.ActorCacheObject.&lt;init&gt;(ActorCacheObject.j
ava:141)
[null]   at org.kepler.kar.handlers.ActorMetadataKAREntryHandler.cache(ActorMetadataKAREntr
yHandler.java:169)
[null]   at org.kepler.kar.KARFile.cache(KARFile.java:876)
[null]   at org.kepler.kar.KARFile.cacheKARContents(KARFile.java:591)
[null]   at org.kepler.kar.SaveKAR.saveToCache(SaveKAR.java:184)
[null]   at org.kepler.gui.kar.ExportArchiveAction.actionPerformed(ExportArchiveAction.java
:344)
[null]   at javax.swing.AbstractButton.fireActionPerformed(AbstractButton.java:1995)
[null]   at javax.swing.AbstractButton$Handler.actionPerformed(AbstractButton.java:2318)
[null]   at javax.swing.DefaultButtonModel.fireActionPerformed(DefaultButtonModel.java:387)
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[null] at javax.swing.DefaultButtonModel.setPressed(DefaultButtonModel.java:242)
[null] at javax.swing.AbstractButton.doClick(AbstractButton.java:357)
[null] at javax.swing.plaf.basic.BasicMenuItemUI.doClick(BasicMenuItemUI.java:1223)
[null] at javax.swing.plaf.basic.BasicMenuItemUI$Handler.mouseReleased(BasicMenuItemUI.java:1264)
[null] at java.awt.Component.processMouseEvent(Component.java:6263)
[null] at javax.swing.JComponent.processMouseEvent(JComponent.java:3267)
[null] at java.awt.Component.processEvent(Component.java:6028)
[null] at java.awt.Container.processEvent(Container.java:2041)
[null] at java.awt.Component.dispatchEventImpl(Component.java:4630)
[null] at java.awt.Container.dispatchEventImpl(Container.java:2099)
[null] at java.awt.Component.dispatchEvent(Component.java:4460)
[null] at java.awt.LightweightDispatcher.retargetMouseEvent(Container.java:4574)
[null] at java.awt.LightweightDispatcher.processMouseEvent(Container.java:4238)
[null] at java.awt.LightweightDispatcher.dispatchEvent(Container.java:4168)
[null] at java.awt.Container.dispatchEventImpl(Container.java:2085)
[null] at java.awt.Window.dispatchEventImpl(Window.java:2478)
[null] at java.awt.Component.dispatchEvent(Component.java:4460)
[null] at java.awt.EventQueue.dispatchEvent(EventQueue.java:599)
[null] at java.awt.EventQueue.dispatchEvent(EventDispatchThread.java:269)
[null] at java.awt.EventQueue.dispatchEvent(EventDispatchThread.java:184)
[null] at java.awt.EventQueue.dispatchEvent(EventDispatchThread.java:174)
[null] at java.awt.EventQueue.dispatchEvent(EventDispatchThread.java:169)
[null] at java.awt.EventQueue.dispatchEvent(EventDispatchThread.java:161)
[null] at java.awt.EventQueue.run(EventDispatchThread.java:122)
[null] Error parsing Actor KAR DOM "<?xml version="1.0"?>
[null] &lt;!DOCTYPE entity PUBLIC "-//UC Berkeley//DTD MoML 1//EN"
[null] "http://ptolemy.e...": ptolemy.eecs.berkeley.edu
[null] WARN (org.kepler.objectmanager.cache.CacheManager:insertObject:237)
KAREntry has no lsid: null

```

It has similar exception when proxy is needed to access internet. The problem Chris found is as follows.

I think the problem I am having is that it is trying to validate the XML against http://ptolemy.eecs.berkeley.edu/xml/dtd/MoML_1.dtd, and my proxy is probably in the way. Although I set the proxy in the kepler.bat file on the command-line. I am not sure why it isn't going through.
Chris

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[null] java.net.ConnectException: Connection timed out: connect
[null] at java.net.PlainSocketImpl.socketConnect(Native Method)
[null] at java.net.PlainSocketImpl.doConnect(Unknown Source)
[null] at java.net.PlainSocketImpl.connectToAddress(Unknown Source)
[null] at java.net.PlainSocketImpl.connect(Unknown Source)
[null] at java.net.SocksSocketImpl.connect(Unknown Source)
[null] at java.net.Socket.connect(Unknown Source)
[null] at java.net.Socket.connect(Unknown Source)
[null] at sun.net.NetworkClient.doConnect(Unknown Source)
[null] at sun.net.www.http.HttpClient.openServer(Unknown Source)
[null] at sun.net.www.http.HttpClient.openServer(Unknown Source)
[null] at sun.net.www.http.HttpClient.<init>(Unknown Source)
[null] at sun.net.www.http.HttpClient.New(Unknown Source)
[null] at sun.net.www.http.HttpClient.New(Unknown Source)
[null] at sun.net.www.protocol.http.HttpURLConnection.getNewHttpClient(Unknown Source)
[null] at sun.net.www.protocol.http.HttpURLConnection.plainConnect(Unknown Source)
[null] at sun.net.www.protocol.http.HttpURLConnection.connect(Unknown Source)
[null] at sun.net.www.protocol.http.HttpURLConnection.getInputStream(Unknown Source)
[null] at org.apache.xerces.impl.XMLEntityManager.setupCurrentEntity(Unknown Source)
[null] at org.apache.xerces.impl.XMLEntityManager.startEntity(Unknown Source)

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ource)
[null] at org.apache.xerces.impl.XMLEntityManager.startDTDEntity(Unknown Source)
[null] at org.apache.xerces.impl.XMLDTDScannerImpl.setInputSource(Unknown Source)
[null] at org.apache.xerces.impl.XMLDocumentScannerImpl\$DTDDispatcher.dispatch(Unknown Source)
[null] at org.apache.xerces.impl.XMLDocumentFragmentScannerImpl.scanDocument(Unknown Source)
[null] at org.apache.xerces.parsers.XML11Configuration.parse(Unknown Source)
[null] at org.apache.xerces.parsers.XML11Configuration.parse(Unknown Source)
[null] at org.apache.xerces.parsers.XMLParser.parse(Unknown Source)
[null] at org.apache.xerces.parsers.DOMParser.parse(Unknown Source)
[null] at org.apache.xerces.jaxp.DocumentBuilderImpl.parse(Unknown Source)
[null] at org.kepler.moml.KeplerMetadataExtractor.extractActorMetadata(KeplerMetadataExtractor.java:101)
[null] at org.kepler.objectmanager.cache.ActorCacheObject.<init>(ActorCacheObject.java:141)
[null] at org.kepler.kar.handlers.ActorMetadataKAREntryHandler.cache(ActorMetadataKAREntryHandler.java:169)
[null] at org.kepler.kar.KARFile.cache(KARFile.java:876)
[null] at org.kepler.kar.KARFile.cacheKARContents(KARFile.java:591)
[null] at org.kepler.kar.SaveKAR.saveToCache(SaveKAR.java:184)
[null] at org.kepler.gui.kar.ExportArchiveAction.actionPerformed(ExportArchiveAction.java:344)
[null] at javax.swing.AbstractButton.fireActionPerformed(Unknown Source)
[null] at javax.swing.AbstractButton\$Handler.actionPerformed(Unknown Source)
[null] at javax.swing.DefaultButtonModel.fireActionPerformed(Unknown Source)
[null] at javax.swing.DefaultButtonModel.setPressed(Unknown Source)
[null] at javax.swing.AbstractButton.doClick(Unknown Source)
[null] at javax.swing.plaf.basic.BasicMenuItemUI.doClick(Unknown Source)
[null] at javax.swing.plaf.basic.BasicMenuItemUI\$Handler.mouseReleased(Unknown Source)
[null] at java.awt.Component.processMouseEvent(Unknown Source)
[null] at javax.swing.JComponent.processMouseEvent(Unknown Source)
[null] at java.awt.Component.processEvent(Unknown Source)
[null] at java.awt.Container.processEvent(Unknown Source)
[null] at java.awt.Component.dispatchEventImpl(Unknown Source)
[null] at java.awt.Container.dispatchEventImpl(Unknown Source)
[null] at java.awt.Component.dispatchEvent(Unknown Source)
[null] at java.awt.LightweightDispatcher.retargetMouseEvent(Unknown Source)
[null] at java.awt.LightweightDispatcher.processMouseEvent(Unknown Source)
[null] at java.awt.LightweightDispatcher.dispatchEvent(Unknown Source)
[null] at java.awt.Container.dispatchEventImpl(Unknown Source)
[null] at java.awt.Window.dispatchEventImpl(Unknown Source)
[null] at java.awt.Component.dispatchEvent(Unknown Source)
[null] at java.awt.EventQueue.dispatchEvent(Unknown Source)
[null] at java.awt.EventQueue.dispatchEventForFilters(Unknown Source)
[null] at java.awt.EventQueue.dispatchEventForFilter(Unknown Source)
[null] at java.awt.EventQueue.dispatchEventForHierarchy(Unknown Source)
[null] at java.awt.EventQueue.dispatchEvent(Unknown Source)
[null] at java.awt.EventQueue.dispatchEvent(Unknown Source)
[null] at java.awt.EventQueue.run(Unknown Source)
[null] Error parsing Actor KAR DOM "<?xml version="1.0"?>
[null] <!DOCTYPE entity PUBLIC "-//UC Berkeley//DTD MoML 1//EN"

```
[null] "http://ptolemy.e...": Connection timed out: connect
[null] WARN (org.kepler.objectmanager.cache.CacheManager:insertObject:237)
KAREntry has no lsid: null
```

History

#1 - 07/19/2010 03:40 PM - Jing Tao

This is my first time to see the error message. I think this feature worked on Kepler release candidate 1, 2 and 3.

#2 - 04/11/2011 11:49 AM - Matt Jones

In r26177, Sean indicated that the KeplerMetadataExtractor could use a local copy of the MOML DTD file, and that this should work without internet connectivity. So it appears that for some reason either the call to get the DTD on line 107 of KeplerMetadataExtractor is not finding the DTD as a resource, or somehow this block of code is not getting called at all. Need to investigate with a debugger to see why it now isn't working.

#3 - 04/11/2011 09:54 PM - Matt Jones

Looking into this further, it seems to have been fixed by riddle in r26177, and so is fixed on the trunk. I verified that it is working without an internet connection on Mac OS X 10.6 with Kepler trunk. Also verified that the fix is in the 2.2 release branch, which should be out soon. Closing as fixed. Please open a new ticket if problems resurface in the trunk or release 2.2 or after.

#4 - 03/27/2013 02:29 PM - Redmine Admin

Original Bugzilla ID was 5098